TravelMate C110 series

User's Guide

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TravelMate C110 series User's Guide
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Record the model number, serial number, purchase date, and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your computer. All correspondence concerning your unit should include the serial number, model number, and purchase information.

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TravelMate C110 series Convertible Tablet PC

Model number : ___________________________________

Serial number: _____________________________________

Purchase date: _____________________________________

Place of purchase: __________________________________

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First things first

We would like to thank you for making the TravelMate series of notebook computers your choice for your mobile computing needs. We hope you will be happy with your TravelMate as much as we enjoyed making it for you.

Your guides

To help you use your TravelMate, we have designed a set of guides:

Just for starters...

First off, the **Just for Starters...** poster helps you get started with setting up your computer.

This **User's Guide** introduces you to the many ways your computer can help you be more productive. This guide provides clear and concise information about the computer, so read it thoroughly.

If you ever need to print out a copy, this User's Guide is also available in PDF (Portable Document Format). Follow these steps:

1. Click on **Start**, **All Programs**, **TravelMate**.
2. Click on **TravelMate User's Guide**.

Note: Viewing the file requires Adobe Acrobat Reader installed. If Adobe Acrobat Reader is not installed on your computer, clicking on TravelMate User's Guide will run the Acrobat Reader setup program first. Follow the instructions on the screen to complete the installation. For instructions on how to use Adobe Acrobat Reader, access the **Help** menu.

A handy **Pocket Guide** is useful for quick glances at functional key combinations.

Read Me First

Lastly, there may be a **Read me first** sheet included with your package which contains important reminders and updates. So, please read through it.

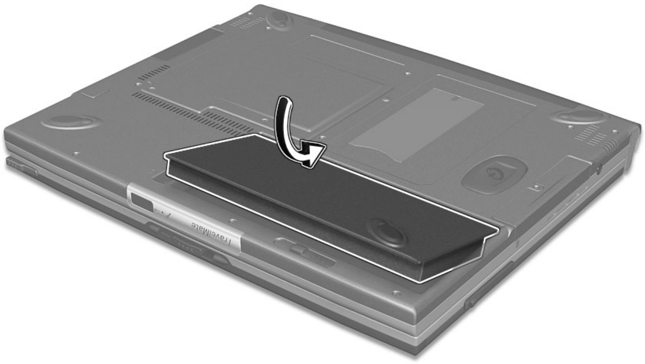
For more information about our products, services, and support information, please visit our web site (http://global.acer.com).

Basic care and tips for using your computer

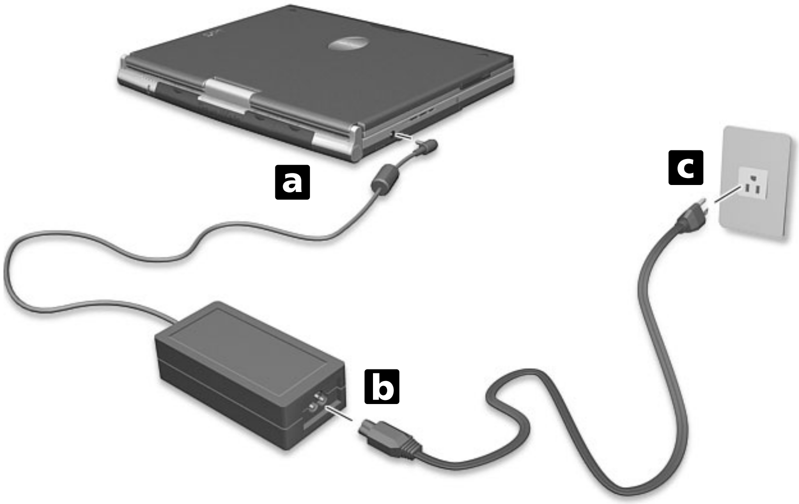
Connecting your computer

Connecting the computer is as easy as 1-2-3.

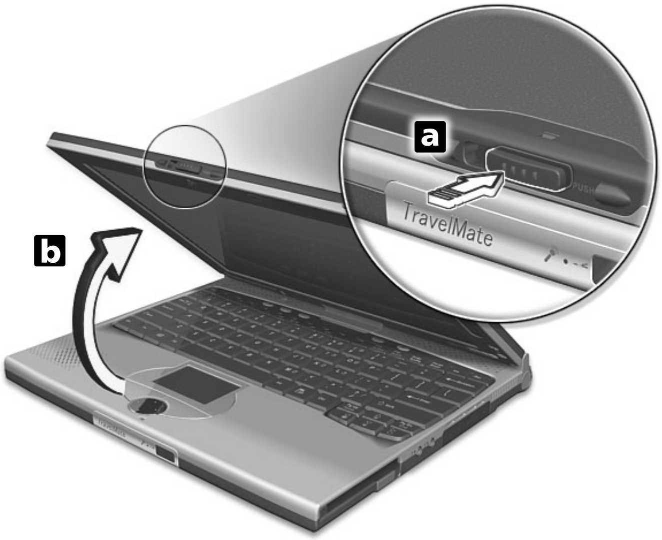
1. Insert the battery pack into the battery compartment, and press down until it clicks into place.



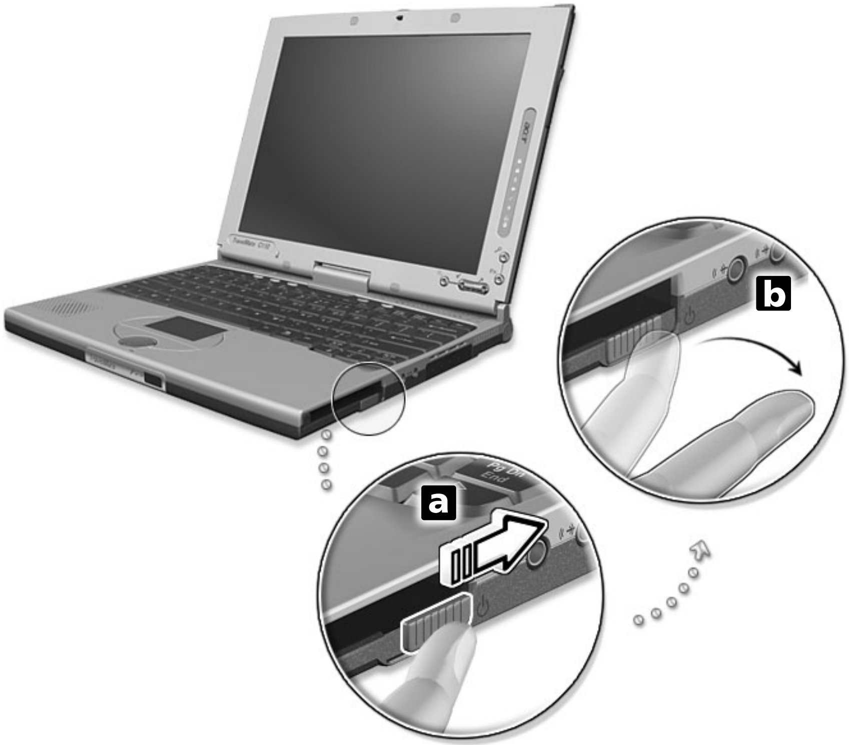
2. Connect one end of the AC adapter to the power jack on the computer's left panel and the other end to a properly-grounded power outlet.



3 Push the display cover two-way latch to open the display.


a
b
TravelMate
PUSH

4 Slide the power switch, located on the right panel, towards the rear of the computer (a) then release it (b) to turn on the power. The POST (power-on self-test) routine executes and Windows begins loading.



To turn the power off, do any of the following:

- Click on **Start**, **Turn off Computer**; then click **Turn Off**.
- Use the power switch

  Note: You can also use the power switch to perform power management functions. See “Power management” on page 30.

- Use the customized functions for power management

  You can also shut down the computer by closing the display cover, or by pressing the sleep hot key (**Fn-F4**).

  Note: If you cannot power off the computer normally, press and hold the power switch for more than four seconds to shut down the computer. If you turn off the computer and want to turn it on again, wait at least two seconds before powering up.

Taking care of your computer

Your computer will serve you well if you take care of it.

- Do not expose the computer to direct sunlight. Do not place it near sources of heat, such as a radiator.
- Do not expose the computer to temperatures below 0°C (32°F) or above 50°C (122°F).
- Do not subject the computer to magnetic fields.
- Do not expose the computer to rain or moisture.
- Do not spill water or any liquid on the computer.
- Do not subject the computer to heavy shock and vibration.
- Do not expose the computer to dust and dirt.
- Never place objects on top of the computer to avoid damaging the computer.
- Do not slam the computer display when you close it.
- Never place the computer on uneven surfaces.

Taking care of your AC adapter

Here are some ways to take care of your AC adapter:

- Do not connect the adapter to any other device.

- Do not step on the power cord or place heavy objects on top of it. Carefully route the power cord and any cables away from personal traffic.
- When unplugging the power cord, do not pull on the cord itself but pull on the plug.
- The total ampere ratings of the equipment plugged in should not exceed the ampere rating of the cord if you are using an extension cord. Also, the total current rating of all equipment plugged into a single wall outlet should not exceed the fuse rating.

Taking care of your battery pack

Here are some ways to take care of your battery pack:

- Use only batteries of the same kind as replacements. Turn the power off before removing or replacing batteries.
- Do not tamper with batteries. Keep them away from children.
- Dispose of used batteries according to local regulations. Recycle if at all possible.

Cleaning and servicing

When cleaning the computer, follow these steps:

1. Power off the computer and remove the battery pack.
2. Disconnect the AC adapter.
3. Use a soft cloth moistened with water. Do not use liquid or aerosol cleaners.

If any of the following occurs:

- The computer has been dropped or the body has been damaged.
- Liquid has been spilled into the product.
- The computer does not operate normally.

Please refer to "Troubleshooting my computer" on page 53.

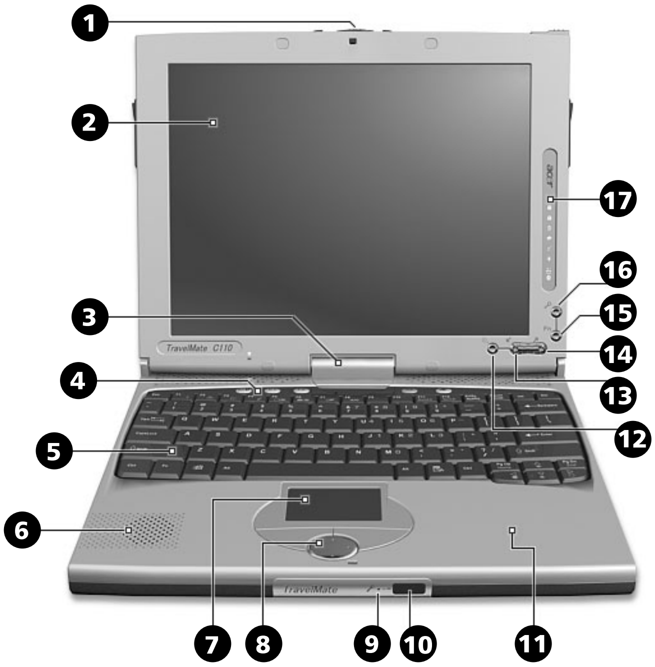
1 Getting to know your TravelMate

Your TravelMate computer combines high-performance, versatility, power management features and multimedia capabilities with a unique style and ergonomic design. Work with unmatched productivity and reliability with your new power computing partner.

A TravelMate tour

After setting up your computer as illustrated in the **Just for Starters...** poster, let us show you around your new TravelMate computer.

Front view

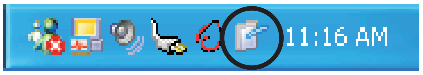


#	Item	Description
1	Two-way latch	Use to latch the LCD screen in both normal mode and tablet mode.
2	Display screen	Also called LCD (liquid-crystal display), displays computer output. Input-capable with the aid of the EMR stylus.
3	Convertible hinge	Hinges the LCD screen in place when switching from PC mode to tablet mode and vice versa.

#	Item	Description
4	Launch keys	Buttons for launching frequently used programs. See "Launch keys"on page 25 for more details.
5	Keyboard	Inputs data into your computer.
6	Speaker	Outputs sound from your computer.
7	Touchpad	Touch-sensitive pointing device which functions like a computer mouse.
8	Click buttons (left, center and right)	The left and right buttons function like the left and right mouse buttons; the center button is a 4-way scroll key.
9	Microphone 🎤	Captures sounds and voices into your computer.
10	Infrared port	Interfaces with infrared devices (e.g., infrared printer, IR-aware computers).
11	Palmrest	Comfortable support area for your hands when you use the computer.
12	Enter button ⊙	Use to confirm selection in tablet mode. This button can also be used to emulate the **ESC** button by first pressing the **Fn** button and then this button. This button can be configured by the user. See note on page 5.
13	Page down button ↙	Use to scroll one page down in tablet mode. This button can also be used to emulate the **Tab** button by first pressing the **Fn** button and then this button. This button can be configured by the user. See note on page 5.
14	Page up button ↗	Use to scroll one page up in tablet mode. This button is used to rotate the display by first pressing the **Fn** button and then this button. This button can be configured by the user. See note on page 5.

#	Item	Description
15	Function key button Fn	This button is used together with other buttons to invoke the tablet applications. This button is set and cannot be configured by the user.
16	Windows Security button 🔑	This button is used to emulate the **CTRL**+**ALT**+**DEL** key combination which launches the Windows Security dialog box. This button is set and cannot be configured by the user.
17	Status indicators	LEDs (light-emitting diodes) that turn on and off to show the status of the computer and its functions and components.

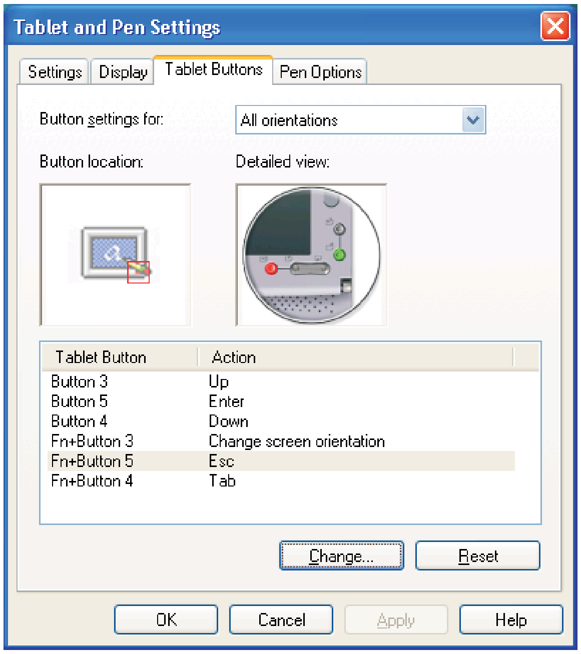
Note: To configure the Enter, Page up and Page down buttons, double-click on the **Change tablet and pen settings icon** on the Windows taskbar.



- or -

Click on **Start** on the Windows taskbar and click on **Control Panel** to open the Control Panel dialog box. Click on **Change to classic view**, then double-click on the **Change tablet and pen settings**.

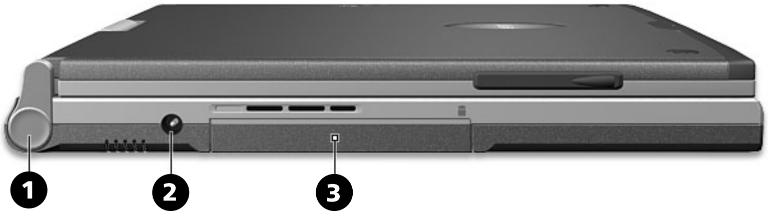
Click on the **Tablet Buttons** tab on the Tablet and Pen Settings dialog box and change the buttons accordingly.


Tablet and Pen Settings
Settings
Display
Tablet Buttons
Pen Options
Button location:
Detailed view:
Change...
Reset
OK
Cancel
Apply
Help

Button settings for: All orientations

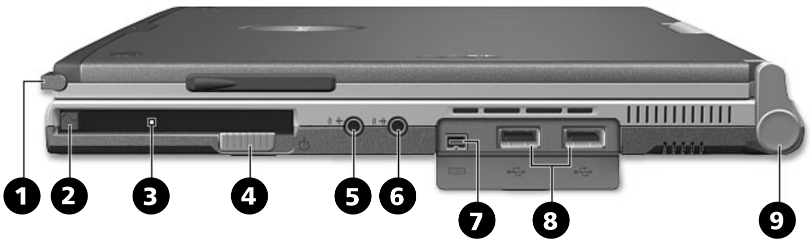
Tablet Button	Action
Button 3	Up
Button 5	Enter
Button 4	Down
Fn+Button 3	Change screen orientation
Fn+Button 5	Esc
Fn+Button 4	Tab

Left view



#	Item	Description
1	Screen support	Supports the LCD screen, press and release before switching from PC mode to tablet mode and vice versa.
2	Power jack ⎓	Connects to an AC adapter.
3	Hard disk bay	Houses the computer's hard disk (secured by a screw).

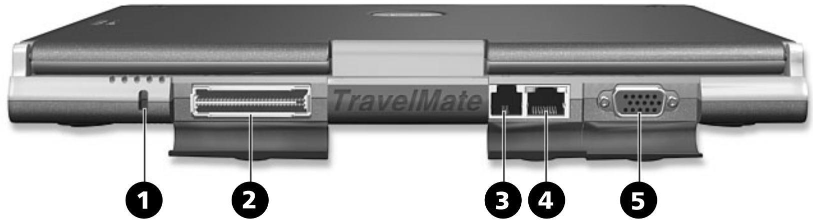
Right view



#	Item	Description
1	EMR stylus	Electromagnetic resonance (EMR) stylus that is used to input data in tablet mode. Use only an EMR-compatible stylus to input data on the screen.
2	PC Card eject button	Ejects the PC Card from the slot.
3	PC Card slot	Accepts one Type II 16-bit PC Card or 32-bit CardBus PC Card.
4	Power switch	Turns on the computer power.
5	Speaker/Headphone-out jack	Connects to audio line-out devices (e.g., speakers, headphones).
6	Line-in jack	Accepts audio line-in devices (e.g., audio CD player, stereo walkman).
7	IEEE 1394 port 1394	Connects to IEEE 1394 devices.

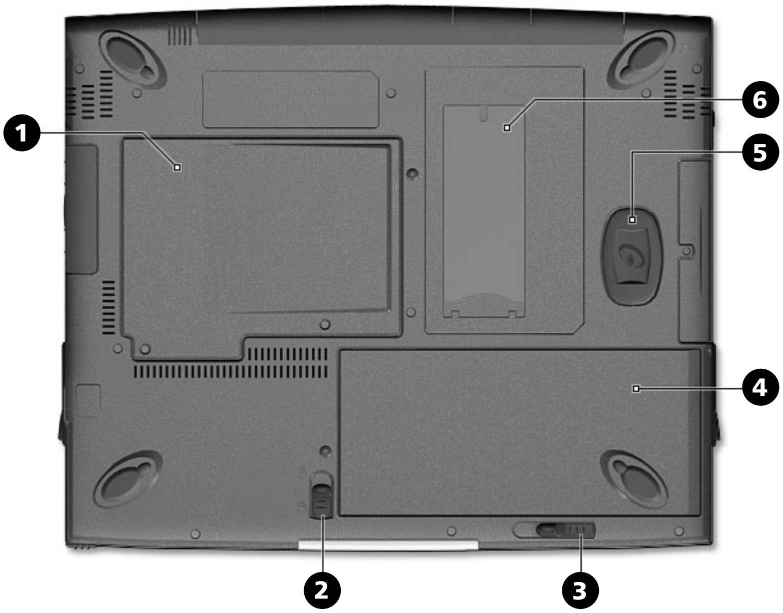
#	Item	Description
8	USB ports (two)	Connect to any Universal Serial Bus device (e.g., USB mouse, USB camera).
9	Screen support	Supports the LCD screen, press and release before switching from PC mode to tablet mode and vice versa.

Rear view



#	Item	Description
1	Security keylock	Connects to a Kensington-compatible computer security lock.
2	Expansion port	Connects to I/O port replicator or EasyPort expansion devices.
3	Modem jack	Connects to a phone line.
4	Network jack	Connects to an Ethernet 10/100-based network.
5	External display port	Connects to a display device (e.g., external monitor, LCD projector) and displays up to 16M colors at 1024 x 768 resolution.

Bottom view



#	Item	Description
1	Memory compartment	Houses the computer's main memory.
2	Battery lock/unlock latch	Locks and unlocks the battery bay.
3	Battery release latch	Unlatches the battery to remove the battery pack.
4	Battery bay	Houses the computer's battery pack.
5	Hard disk anti-shock protection	Protects your hard disk against accidental shock and vibration.
6	Personal identification slot	Insert an identification card to personalize your computer.

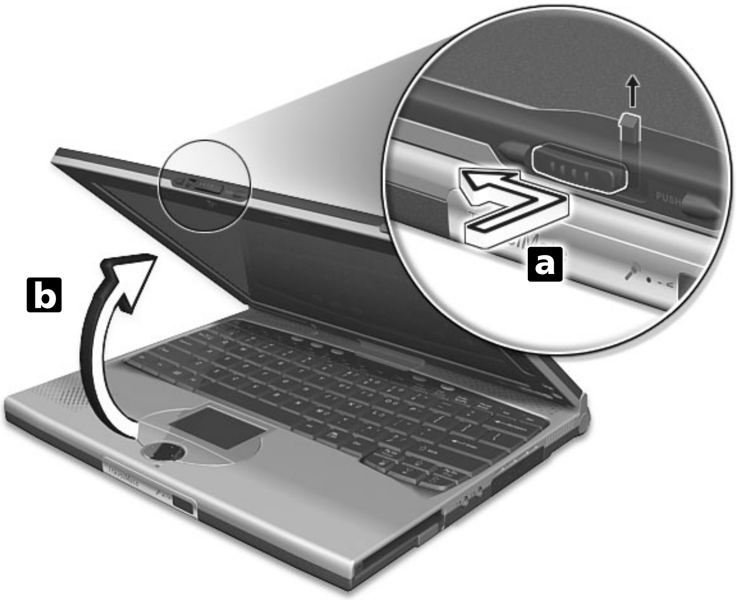
Using your computer in tablet mode

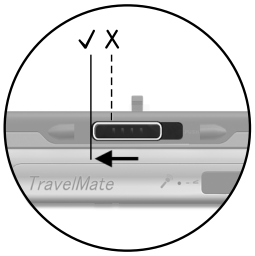
Your computer is designed for convenience, ergonomic use, and portability. Running the Windows XP Tablet PC edition operating system, your TravelMate utilizes an EMR stylus for pen-based input. Software developed specifically for the computer allows for both handwriting recognition converted to application text, or handwriting captured as rich digital ink for manipulation, editing, and formatting. By combining Windows-based applications with the versatility of pen-based input, this computer offers new ways for users to communicate in a wireless environment.

Switching to tablet mode

To switch to tablet mode, follow the steps below:

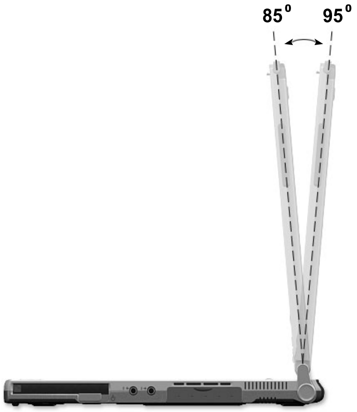
1. Push and slide the two-way latch in the direction as shown in the illustration below (a) and open the display screen (b).



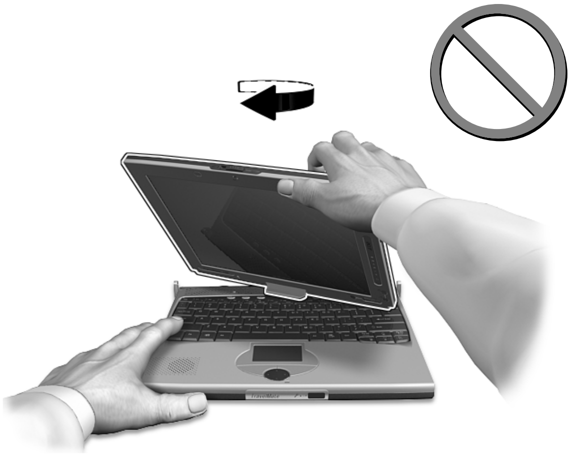


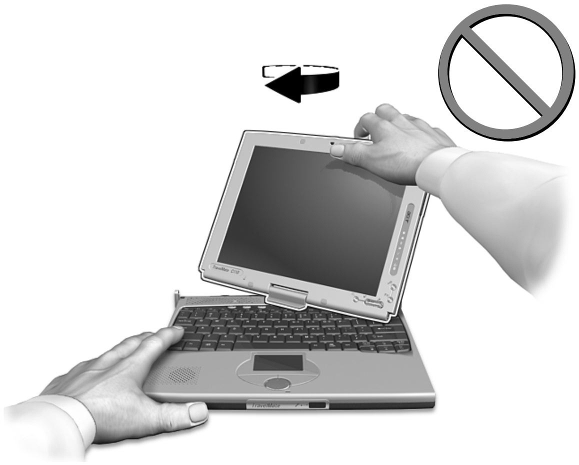
Push and slide the two-way latch all the way as shown in the illustration above.

Warning: When switching to tablet mode, make sure that you open the display at an angle between 85° to 95°.

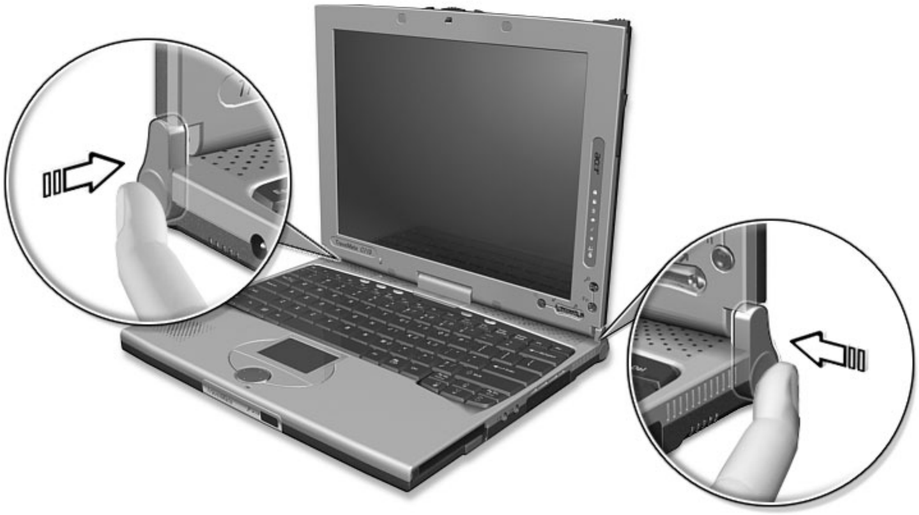


Doing otherwise will damage your keyboard when rotating the display screen.

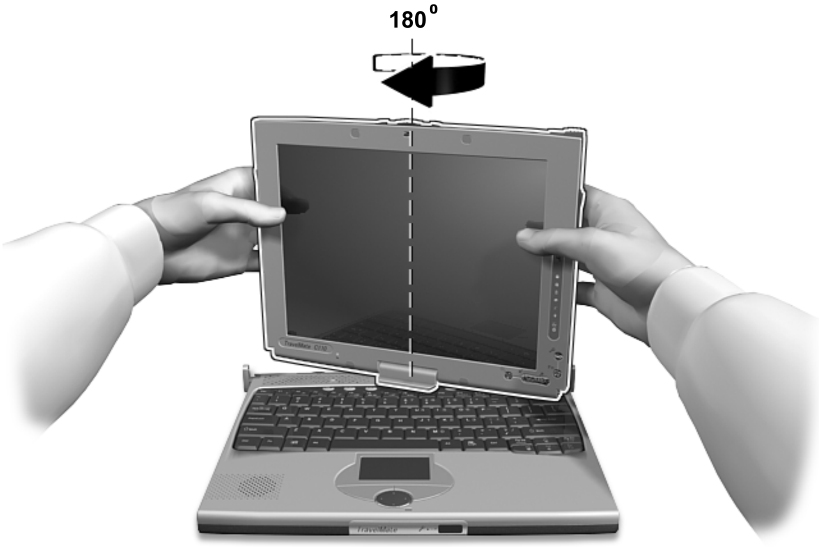




2 Press and release the screen support holding the display screen on both sides.

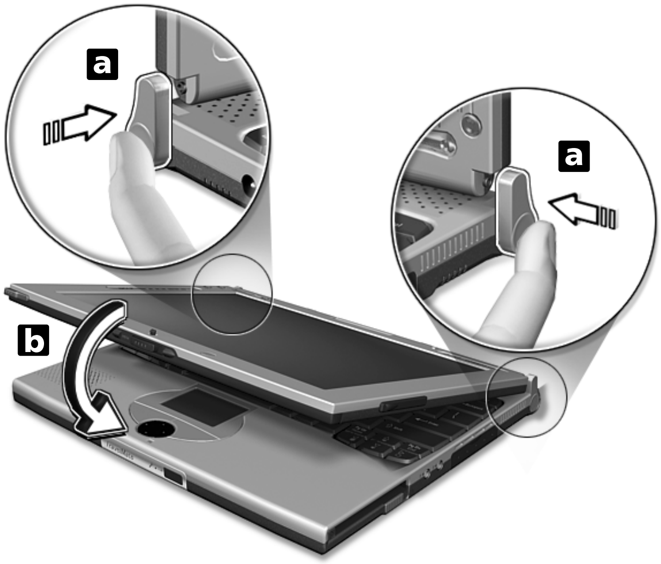


3 Rotate the display screen 180 degrees clockwise as shown in the illustration. Make sure that the display screen is aligned with the screen supports that will hold it in place.

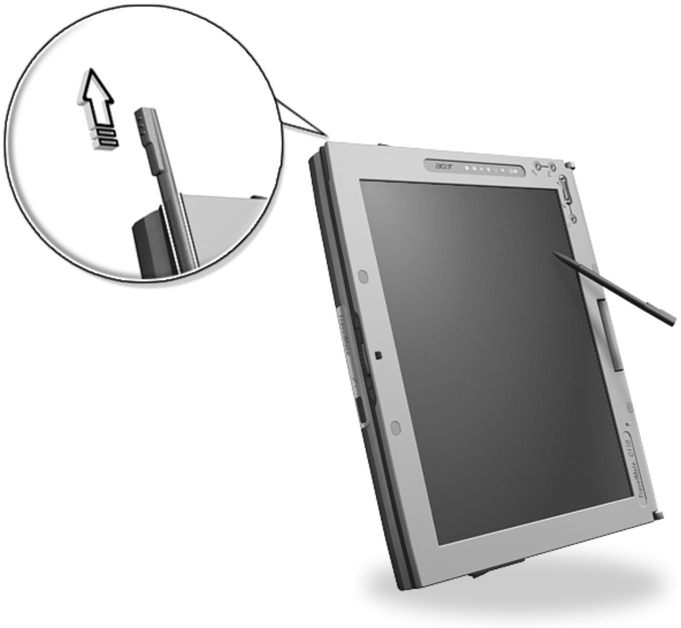


Warning: Rotate the display screen clockwise only when switching to the tablet mode. Rotating the display screen counterclockwise might damage it.

4 Press the screen supports on both sides until they click into place (a); then close and latch the display.

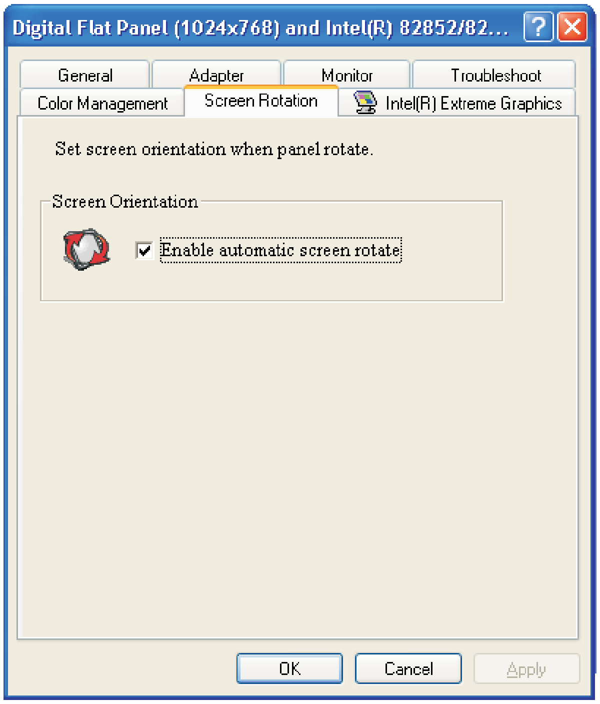


5 Remove the EMR stylus from its slot to begin pen-based input.



Switching to and from tablet mode automatically rotates the display screen image orientation, so you can get right to work.

This feature can be enabled or disabled. Right-click on the Windows desktop. The Display Properties window appears. Click on the **Settings** tab, and click on **Advanced**. Click on the **Screen Rotation** tab in the window that appears.


Digital Flat Panel (1024x768) and Intel(R) 82852/82...
General
Adapter
Monitor
Troubleshoot
Color Management
Screen Rotation
Intel(R) Extreme Graphics
OK
Cancel
Apply

Set screen orientation when panel rotate.

Screen Orientation

☑ Enable automatic screen rotate

To enable this feature, make sure Enable automatic screen rotate is checked.

Switching to computer mode

To switch back to computer mode, reverse the steps of the "Switching to tablet mode" procedure on page 10.

Features

Below is a brief summary of the computer’s many features:

Performance

- Intel® Centrino™ Mobile Technology
- Intel® Pentium® M Processor
- Memory expandable up to 2 GB
- High-capacity, Enhanced-IDE hard disk
- Li-Ion main battery pack
- Power management system with ACPI (Advanced Configuration Power Interface)

Display

- 10.4"Thin-Film Transistor (TFT) liquid-crystal display (LCD) displaying 16M colors at 1024x768 eXtended Graphics Array (XGA) resolution
- Integrated VGA with DVMT (Dynamic Video Memory Technology) support
- 3D capabilities
- Simultaneous LCD and CRT display support
- "Automatic LCD dim" feature that automatically decides the best settings for your display and conserves power
- Dual display capability
- Tablet mode for LCD panel (Rotatable display)

Multimedia

- 16-bit high-fidelity AC’97 PCI stereo audio with wavetable synthesizer
- Built-in speaker and microphone
- High-speed optical drive

Connectivity

- High-speed fax/data modem port
- Fast infrared wireless communication

- USB 2.0 (Universal Serial Bus) ports
- Ethernet/Fast Ethernet port
- IEEE 1394 port
- Wireless LAN (Available on select models)
- Bluetooth (Available on select models)

Human-centric design and ergonomics

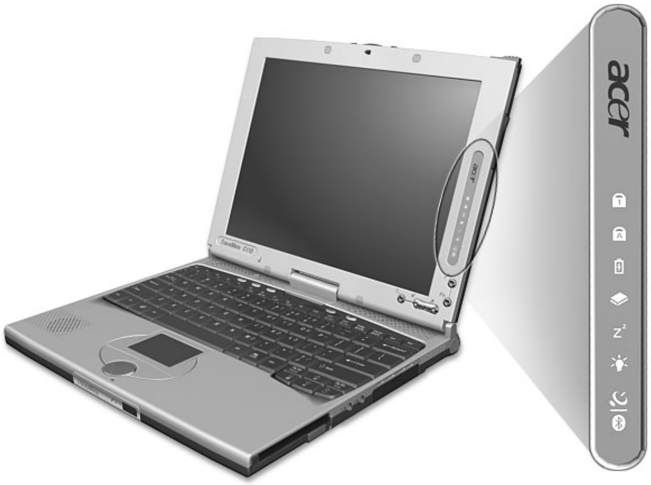
- Sleek, smooth and stylish design
- Acer FineTouch keyboard
- Ergonomically-centered touchpad pointing device
- Internet scroll key
- Support pen input via EMR stylus

Expansion

- Type II CardBus PC Card (formerly PCMCIA) slot
- Upgradeable memory

Indicators

The computer has easy-to-read status icons below the display screen.



Icon	Function	Description
1	Num Lock	Lights when Num Lock is activated.
A	Caps Lock	Lights when Caps Lock is activated.
🔋	Battery Charge	Lights when the battery is being charged.
◈	Media Activity	Lights when the floppy drive, hard disk or optical drive is active.
Zz	Sleep	Lights when the computer enters Sleep mode.
☼	Power	Lights when the computer is on.
	Wireless communication	Lights when the Wireless LAN and/or Bluetooth feature is enabled.

The Power, Sleep and InviLink status icons are visible even when you close the display cover so you can see the status of the computer while the cover is closed.

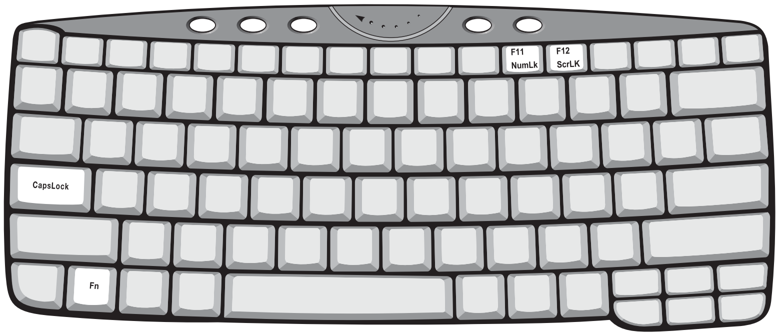
Using the keyboard

The keyboard has full-sized keys and an embedded keypad, separate cursor keys, two Windows keys and twelve function keys.

Special keys

Lock keys

The keyboard has three lock keys which you can toggle on and off.

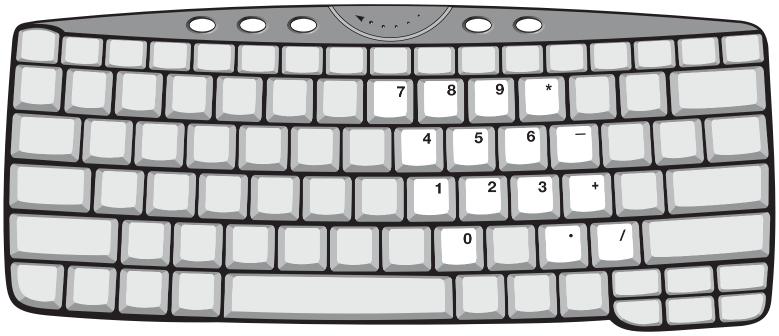


Lock key	Description
Caps Lock	When Caps Lock is on, all alphabetic characters typed are in uppercase.
Num Lock (Fn-F11)	When Num Lock is on, the embedded keypad is in numeric mode. The keys function as a calculator (complete with the arithmetic operators +, -, *, and /). Use this mode when you need to do a lot of numeric data entry. A better solution would be to connect an external keypad.
Scroll Lock (Fn-F12)	When Scroll Lock is on, the screen moves one line up or down when you press the up or down arrow keys respectively. Scroll Lock does not work with some applications.

Note: To access the Num Lock and Scroll Lock functions, hold the Fn key down while pressing the F11 and F12 keys respectively.

Embedded numeric keypad

The embedded numeric keypad functions like a desktop numeric keypad. It is indicated by small characters located on the upper right corner of the keycaps. To simplify the keyboard legend, cursor-control key symbols are not printed on the keys.

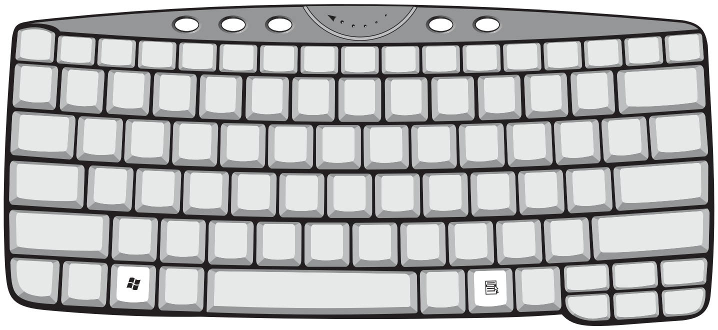


Desired access	Num lock on	Num lock off
Number keys on embedded keypad	Type numbers in a normal manner.	
Cursor-control keys on embedded keypad	Hold Shift while using cursor-control keys.	Hold Fn while using cursor-control keys.
Main keyboard keys	Hold Fn while typing letters on embedded keypad.	Type the letters in a normal manner.

Note: If an external USB keyboard is connected to the computer, the internal keyboard is not disabled and can still be used.

Windows keys

The keyboard has two keys that perform Windows-specific functions.

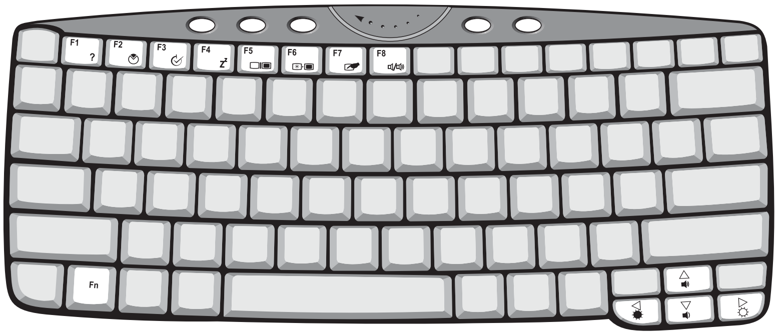


Key	Description
Windows logo key ⊞	Start button. Combinations with this key perform shortcut functions. Below are a few examples: ⊞ + Tab (Activates next taskbar button) ⊞ + E (Explores My Computer) ⊞ + F (Finds Document) ⊞ + M (Minimizes All) Shift + ⊞ + M (Undoes Minimize All) ⊞ + R (Displays the Run... dialog box)
Application key ≣	Opens a context menu (same as a right-click).

Hot keys

The computer employs hot keys or key combinations to access most of the computer's controls like screen brightness, volume output and the BIOS Utility.

To activate hot keys, press and hold the **Fn** key before pressing the other key in the hot key combination.

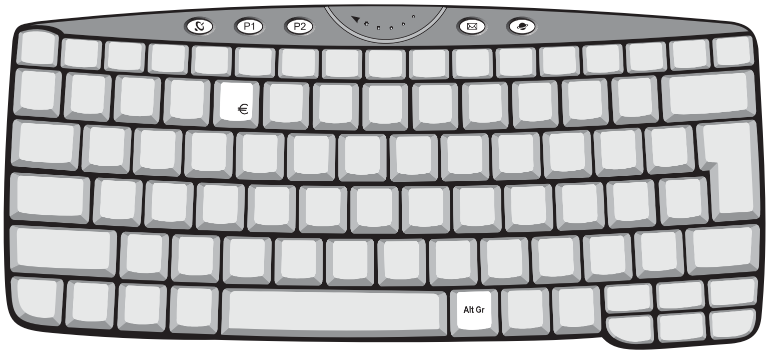


Hot key	Icon	Function	Description
Fn-F1	?	Hot Key Help	Displays help on hot keys.
Fn-F2		Setup	Accesses the computer's configuration utility.
Fn-F3	✓	Power Management Scheme Toggle	Switches the power management scheme used by the computer (function available if supported by operating system).
Fn-F4	Zz	Sleep	Puts the computer in Sleep mode.
Fn-F5	▭|■	Display Toggle	Switches display output between the display screen, external monitor (if connected) and both the display screen and external monitor.
Fn-F6	☼▸■	Screen Blank	Turns the display screen backlight off to save power. Press any key to return.
Fn-F7		Touchpad Toggle	Turns the internal touchpad on and off.
Fn-F8	🔈/🔊	Speaker Toggle	Turns the speakers on and off.

Hot key	Icon	Function	Description
Fn-↑	🔊	Volume up	Increases the speaker volume.
Fn-↓	🔉	Volume down	Decreases the speaker volume.
Fn-→	☼	Brightness up	Increases the screen brightness.
Fn-←	☀	Brightness down	Decreases the screen brightness.

The Euro symbol

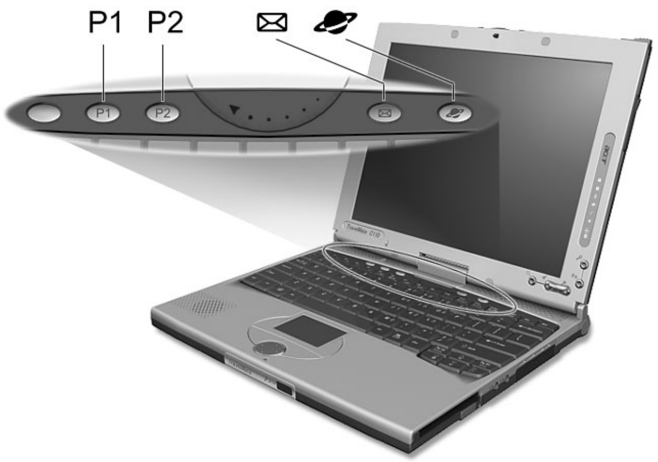
For keyboards with Euro key support, you can type out the Euro symbol by holding down the Alt-Gr key, and then pressing the Euro key (€).



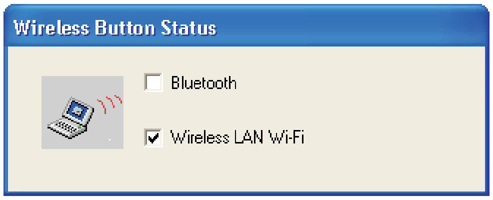
Some fonts and software do not support the Euro symbol. Please refer to http://www.microsoft.com/typography/faq/faq12.htm for more information.

Launch keys

Located at the top of the keyboard are four buttons. These buttons are called launch keys. They are designated as P1, P2, mail button and Web browser button.



Note: To the left of these four launch keys is the InviLink button. This feature is available on select model. To activate the InviLink feature press the InviLink button and a dialog box will be displayed showing the current status of the wireless features.

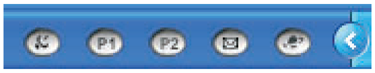

Wireless Button Status

☐ Bluetooth

☑ Wireless LAN Wi-Fi

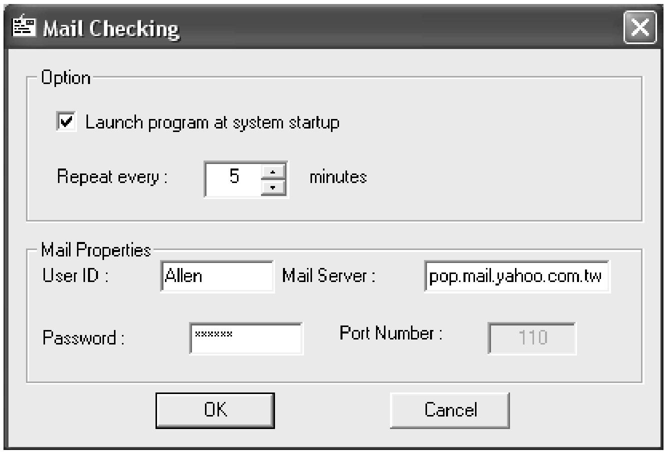
Launch key	Default application
P1	User-programmable
P2	User-programmable
Mail	Email application. The mail button LED will flash when the user has incoming email
Web browser	Internet browser application

You can also access the Launch keys in tablet mode. Right-click on the taskbar, and click on **Toolbars**; then click on **Launch Manager**. The Launch keys will appear on the taskbar.



Email checking function

When you first start up your system, a Mail Checking dialog box will be displayed. In this dialog box, you have the option to launch the program at startup or not, set the time for mail checking, etc. If you already have an email account, you can fill in the Mail Properties in the dialog box.



Option

☑ Launch program at system startup

Repeat every : 5 minutes

Mail Properties

User ID : Allen

Mail Server : pop.mail.yahoo.com.tw

Password : ******

Port Number : 110

The Mail Server is the server name where you get your email, for example: **pop.mail.yahoo.com.tw**.

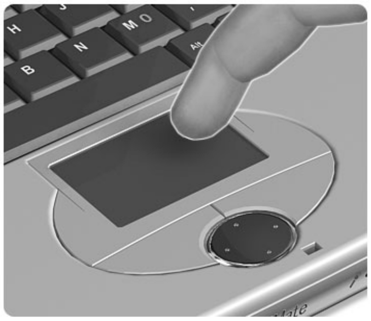
Aside from the email checking function, there is a mail button that is used to launch the email application. It is located above the keyboard right below the LCD. The mail button LED will flash when the user has received an incoming email.

You can also access the Mail Checking dialog box by clicking on **Start**, **All Programs**, **Launch Manager**, then click on **E-Mail checking setting**.

Touchpad

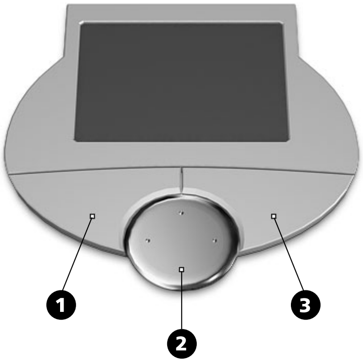
The built-in touchpad is a PS/2-compatible pointing device that senses movement on its surface. This means the cursor responds as you move your finger on the surface of the touchpad. The central location on the palm rest provides optimum comfort and support.

Note: When using an external USB or serial mouse, you can press **Fn-F7** to disable the touchpad. .



Touchpad basics

The following items teach you how to use the touchpad:



- Move your finger across the touchpad to move the cursor.
- Press the left (1) and right (3) buttons located on the edge of the touchpad to do selection and execution functions. These two buttons are similar to the left and right buttons on a mouse. Tapping on the touchpad produces similar results.
- Use the 4-way scroll (2) key (top/bottom/left/right) to scroll a page up, down, left or right. This button mimics your cursor pressing on the vertical and horizontal scroll bars of Windows applications.

Function	Left button	Right button	4-way scroll key	Tap
Execute	Click twice quickly			Tap twice (at the same speed as double-clicking a mouse button)
Select	Click once			Tap once
Drag	Click and hold, then use finger to drag the cursor on the touchpad			Tap twice (at the same speed as double-clicking a mouse button) then hold finger to the touchpad on the second tap and drag the cursor
Access context menu		Click once		
Scroll			Click and hold the button in the desired direction (up/down/ left/right)	

Note: Keep your fingers dry and clean when using the touchpad. Also keep the touchpad dry and clean. The touchpad is sensitive to finger movements. Hence, the lighter the touch, the better the response. Tapping harder will not increase the touchpad's responsiveness.

Storage

This computer supplies you the following media storage:

- High-capacity Enhanced-IDE hard disk
- High-speed optical drive

Hard disk

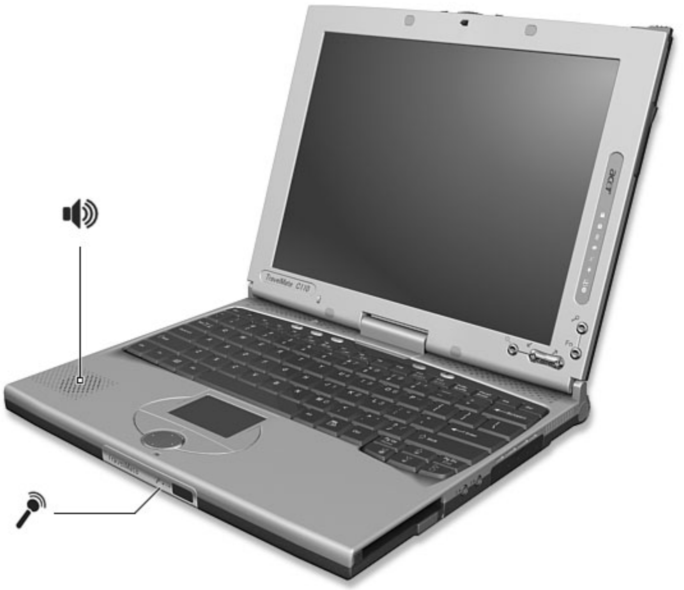
The high-capacity hard disk is the answer to your storage needs.

Optical drive

The computer comes with a USB CD-ROM drive or an IEEE 1394 DVD/CD-RW combo drive.

Audio

The computer comes with 16-bit high-fidelity PCI stereo audio, and includes a built-in sensitive microphone and stereo speaker.



There are audio ports on the right panel of the computer. See “Right view” on page 7 for more information on connecting external audio devices.

Adjusting the volume

Adjusting the volume on the computer is as easy as pressing some buttons. See “Hot keys” on page 21 for more informations on adjusting the speaker volume.

Power management

This computer has a built-in power management unit that monitors system activity. System activity refers to any activity involving one or more of the following devices: keyboard, mouse, floppy drive, hard disk, and video memory. If no activity is detected for a period of time (called an inactivity timeout), the computer stops some or all of these devices in order to conserve energy.

This computer employs a power management scheme that supports ACPI (Advanced Configuration and Power Interface) which allows for maximum power conservation and maximum performance at the same time. Windows handles all power-saving chores for your computer.

Moving around with your TravelMate

This section gives you tips and hints on things to consider when moving around or traveling with your computer.

Disconnecting from the desktop

Follow these steps to disconnect your computer from external accessories:

1. Save your work in progress.
2. Remove any media, diskette or compact disc, from the drive(s).
3. Shut down the operating system.
4. Turn off the computer.
5. Close the display cover.
6. Disconnect from the AC adapter.
7. Disconnect the keyboard, pointing device, printer, external monitor, and other external devices.
8. Disconnect the Kensington lock if you are using one to secure the computer.

Moving around

“when you are just moving within short distances, for example, from your office desk to a meeting room”

Preparing the computer

Before moving the computer, close and latch the display cover to place it in Sleep mode. You can now safely take the computer anywhere you go within the building. To bring the computer out of Sleep mode, open the display; then press, slide and release the power switch.

If you are taking the computer to a client's office or a different building, you may choose to shut down the computer:

1. Click on **Start**, **Turn off Computer**.
2. Select **Turn Off**.

- or -

you can put the computer in Sleep mode by pressing **Fn-F4**. Then close and latch the display.

When you are ready to use the computer again, unlatch and open the display; then press, slide and release the power switch.

Note: If the sleep indicator is off, the computer has entered Hibernation mode and turned off. If the power indicator is off but the sleep indicator is on, the computer has entered Sleep mode. In both cases, press, slide and release the power switch to turn the computer back on. Note that the computer may enter Hibernation mode after it is in Sleep mode for a period of time.

What to bring to short meetings

A fully charged battery runs the computer for about two and a half hours under most circumstances. If your meeting is shorter than that, you probably do not need to bring anything with you other than the computer.

What to bring to long meetings

If your meeting will last longer than two and a half hours or if your battery is not fully charged, you may want to bring the AC adapter with you to plug in your computer in the meeting room.

If the meeting room does not have an electrical outlet, reduce the drain on the battery by putting the computer in Sleep mode. Press **Fn-F4** or close the display cover whenever you are not actively using the computer. To resume, open the display (if closed); then press, slide, and release the power switch.

Taking the computer home

“when you are moving from your office to your home or vice versa”

Preparing the computer

After disconnecting the computer from your desktop, follow these steps to prepare the computer for the trip home:

- Make sure that you have removed any media, diskette and compact disc, in the drive(s). Failure to remove the media can damage the drive head.

- Pack the computer in a protective case that can prevent the computer from sliding around and cushion it if it should fall.

Caution: Avoid packing items next to the top cover of the computer. Pressure against the top cover can damage the screen.

What to bring with you

Unless you already have some items at home, bring the following items with you:

- AC adapter and power cord
- The printed User's Guide

Special considerations

Follow these guidelines to protect your computer while traveling to and from work:

- Minimize the effect of temperature changes by keeping the computer with you.
- If you need to stop for an extended period of time and cannot bring the computer with you, leave the computer in the trunk of the car to avoid exposing the computer to excessive heat.
- Changes in temperature and humidity can cause condensation. Allow the computer to return to room temperature, and inspect the screen for condensation before turning on the computer. If the temperature change is greater than 18°F (10°C), allow the computer to come to room temperature slowly. If possible, leave the computer for 30 minutes in an environment with a temperature between outside and room temperature.

Setting up a home office

If you frequently work on your computer at home, it may be worthwhile to purchase a second AC adapter for use at home. With a second AC adapter, you can avoid transporting the extra weight to and from home.

If you use your computer at home for significant periods of time, you might also want to add an external keyboard, monitor, or mouse.

Traveling with the computer

“when you are moving within a larger distance, for instance, from your office building to a client’s office building or traveling locally”

Preparing the computer

Prepare the computer as if you were taking it home. Make sure that the battery in the computer is charged. Airport security may require you to turn on your computer when bringing it into the gate area.

What to bring with you

Bring the following items with you:

- AC adapter
- Spare, fully-charged battery pack(s)
- Additional printer driver files if you plan to use another printer

Special considerations

In addition to the guidelines for taking the computer home, follow these guidelines to protect your computer while traveling:

- Always take the computer as carry-on luggage.
- If possible, have the computer inspected by hand. Airport security X-ray machines are safe, but do not put the computer through a metal detector.
- Avoid exposing floppy disks to hand-held metal detectors.

Traveling internationally with the computer

“when you are moving from country to country”

Preparing the computer

Prepare the computer as you would normally prepare it for traveling.

What to bring with you

Bring the following items with you:

- AC adapter
- Power cords that are appropriate to the country to which you are traveling
- Spare, fully-charged battery packs
- Additional printer driver files if you plan to use another printer
- Proof of purchase, in case you need to show it to customs officials
- International Traveler's Warranty passport

Special considerations

Follow the same special considerations as when traveling with the computer. In addition, these tips are useful when traveling internationally:

- When traveling in another country, check that the local AC voltage and the AC adapter power cord specifications are compatible. If not, purchase a power cord that is compatible with the local AC voltage. Do not use converter kits sold for appliances to power the computer.
- If you are using the modem, check if the modem and connector is compatible with the telecommunications system of the country you are traveling in.

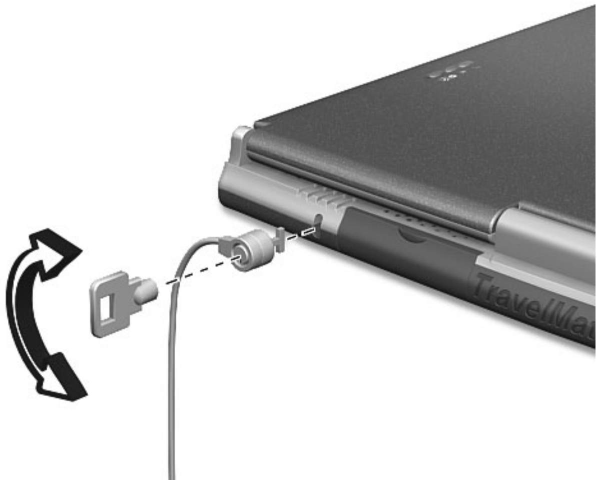
Securing your computer

Your computer is a valuable investment that you need to take care of. Learn how to protect and take care of your computer.

Security features include hardware and software locks — a security notch and passwords.

Using a computer security lock

A security keylock notch located on the rear panel of the computer lets you connect a Kensington-compatible key-based computer security lock.



Wrap a computer security lock cable around an immovable object such as a table or locked drawer handle. Insert the lock into the notch and turn the key to secure the lock. Some keyless models are also available.

Using passwords

Three password types protect your computer from unauthorized access. Setting these passwords creates several different levels of protection for your computer and data:

- Supervisor Password secures your computer against unauthorized use (when the Password on boot parameter is enabled) and allows full access to the BIOS Utility.
- User Password secures your computer against unauthorized use (when the Password on boot parameter is enabled) and allows limited access to the BIOS Utility.

- Primary Hard Disk Password protects your data by preventing unauthorized access to your hard disk. Even if the hard disk is removed from the computer and moved to another computer, it cannot be accessed without the Primary Hard Disk Password.

Important! Do not forget your Supervisor and Primary Hard Disk Password! If you forget your password, please get in touch with your dealer or an authorized service center.

You can set, change and delete passwords using the BIOS Utility or the Notebook Manager. See “BIOS Utility” on page 52 and “Notebook Manager” on page 50.

Entering a password

Note: If you wish to enter the BIOS Utility, you need to press F2 before the password prompt appears.

Follow these steps:

1. When a password is set, a password prompt appears in the center of the display screen.
    - Supervisor or User Password

```
Enter Password    [         ]
```

    - Primary Hard Disk Password

```
Enter Primary Master HDD User Password    [        ]
```

2. Type in a valid password set for the computer: User, Supervisor or Primary Hard Disk (a block appears for each character you type), and press **Enter**.

    If the password is correct, the computer continues booting into Windows (or enters the BIOS Utility if you press F2 before the password prompt appears).

    If the password is incorrect, the following warning appears.

- Supervisor or User Password

```
Setup Warning

Invalid Password
[Continue]
```

- Primary Hard Disk Password

```
HDD Password Invalidate
```

Press **Enter**, and re-enter a valid password.

Important! You have three chances to enter a password. If you fail to enter the password correctly after three tries, you need to restart the computer to try again. Slide and hold the power switch for four seconds to shut down the computer. Then turn on the computer again, and try again. If you fail to enter the Primary Hard Disk Password, please contact your dealer or an authorized service center.

Setting passwords

Follow these steps:

1. Use the cursor keys to highlight a password parameter (Supervisor, User or Primary Hard Disk) and press the Enter key. The password box appears.

```
            Set Password

  Enter New Password    [         ]
Confirm New Password    [         ]
```

Note: Before you can set the User Password, the Supervisor Password has to be set.

2. Type a password in the Enter New Password field. The password may consist of up to eight alphanumeric characters (A-Z, a-z, 0-9).

3 Press **Enter**. Then re-enter the password in the Confirm New Password field, and press **Enter**.

```
          Setup Notice

   Changes have been saved.
          [Continue]
```

4 Press **Enter** to accept the changes and save the password.

Changing a password

Follow these steps:

1 To remove a password, use the cursor keys to highlight a password parameter and press Enter. The following box appears.

```
                 Set Password

Enter Current Password    [         ]
    Enter New Password    [         ]
  Confirm New Password    [         ]
```

2 Enter the current password, then press **Enter**. In the Enter New Password and Confirm New Password fields, type a new password.

```
          Setup Notice

   Changes have been saved.
          [Continue]
```

3 Press **Enter** to accept the changes and remove the password.

Removing a password

Follow the steps for changing a password, except that you leave the Enter New Password and Confirm New Password fields blank.

2 Customizing your computer

After learning the basics of your TravelMate computer, let’s get acquainted with the advanced features of your computer. In this chapter, you will learn how to add options, upgrade components for better performance, and customize your computer.

Expanding through options

Your TravelMate offers you a complete mobile computing experience.

Connectivity options

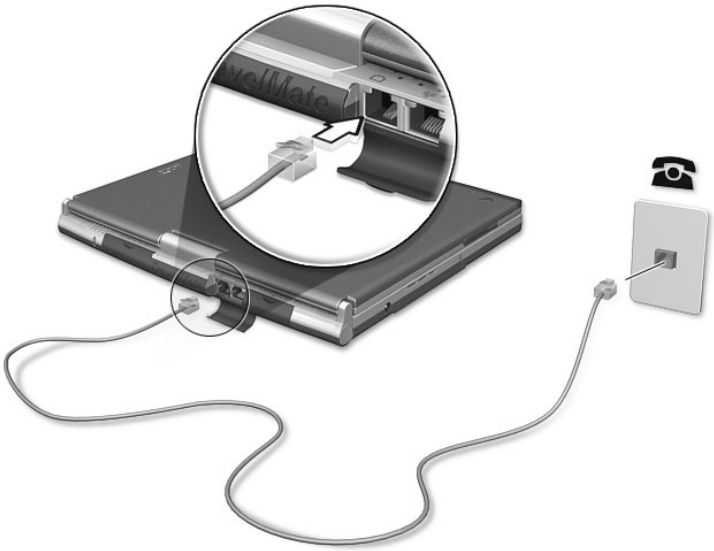
Ports allow you to connect peripheral devices to your computer as you would with a desktop PC.

Fax/data modem

Some models have a built-in V.92 56Kbps software modem.

Warning! This modem port is not compatible with digital phone lines. Plugging this modem into a digital phone line will damage the modem.

To use the fax/data modem port, connect a phone cable from the modem port to a telephone jack.

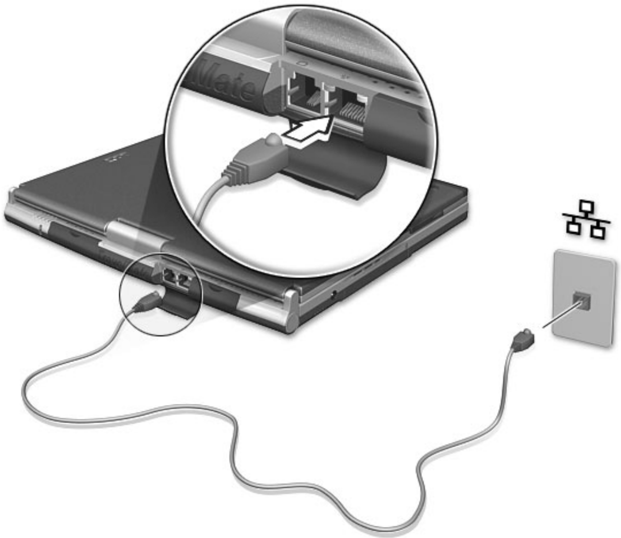


Start your communications software program. See your communications manual for instructions.

Built-in network feature

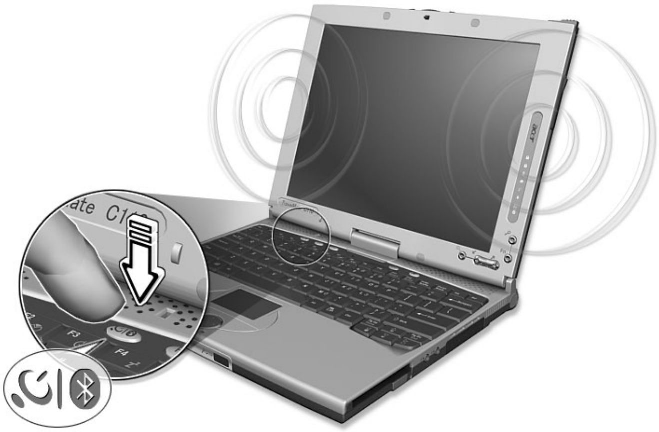
The built-in network feature allows you to connect your computer to an Ethernet-based (10/100 Mbps) network.

To use the network feature, connect an Ethernet cable from the network jack on the rear of the computer to a network jack or hub on your network.



Wireless communication

Available on select models, the wireless communication feature allows you to communicate with other wireless-equipped devices via 802.11b, 802.11a and/or Bluetooth protocols.

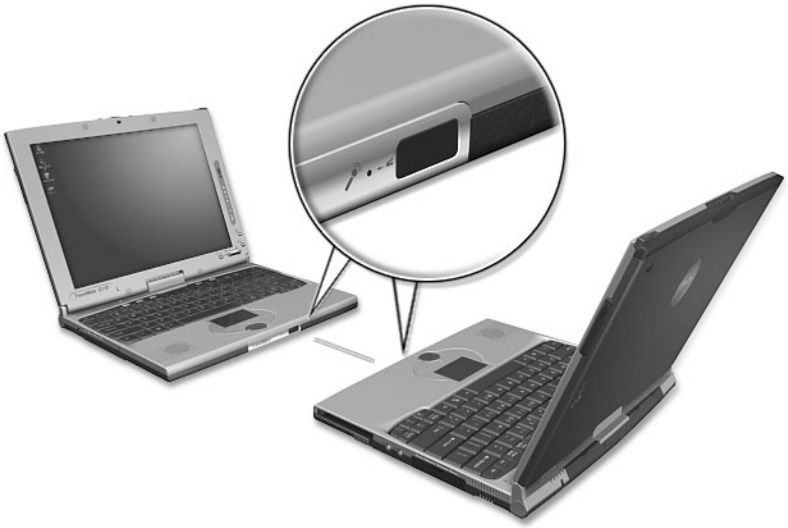


For more information on how to enable this feature, see “Launch Manager and wireless features” on page 51.

Fast infrared

The computer's fast infrared (FIR) port allows you to do wireless data transfer with other IR-aware computers and peripherals such as infrared printers. The infrared port can transfer data at speeds of up to four megabits per second (Mbps) at a distance of up to one meter.

To use FIR, position two IR-aware devices such that their IR ports are no more than one meter apart and offset no more than 15 degrees.



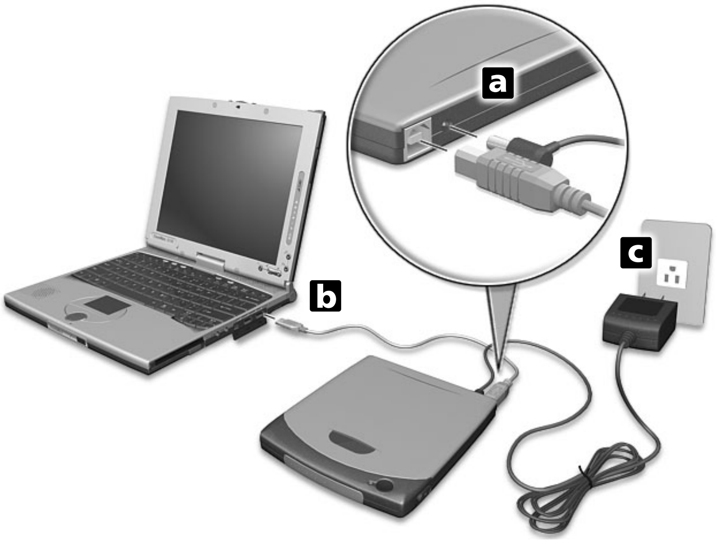
When the two computers are in position, simply begin the data transfer as you normally would. See your file transfer software for details.

Universal Serial Bus

The Universal Serial Bus (USB 2.0) port is a high-speed serial bus which allows you to connect and daisy-chain USB peripherals without taking up precious system resources. Your computer has two ports available.

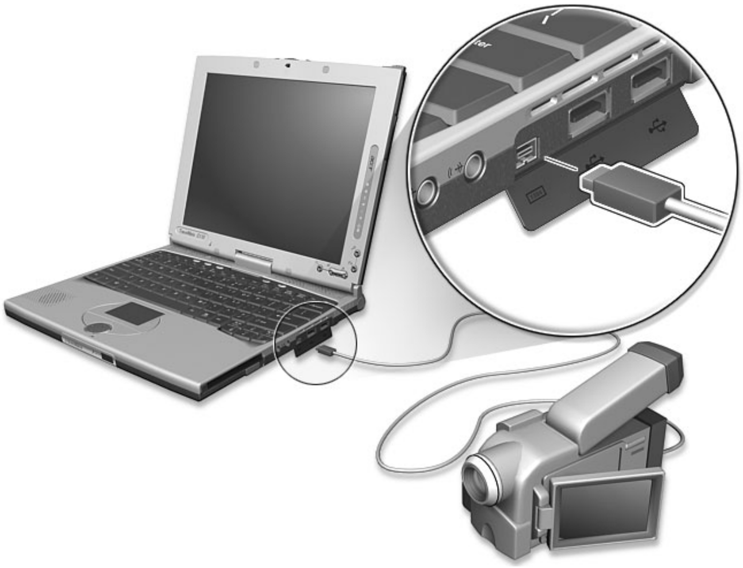
Connecting your optical drive

Connect the AC adapter and the USB cable to the rear of the optical drive (a). Plug the other end of the USB cable to the computer (b). Connect the AC adapter to the power outlet (c).



IEEE 1394

The computer's fast IEEE 1394 port allows you to connect IEEE 1394 supported devices like a digital video camera.



See your video or digital camera's documentation for details.

PC Card slot

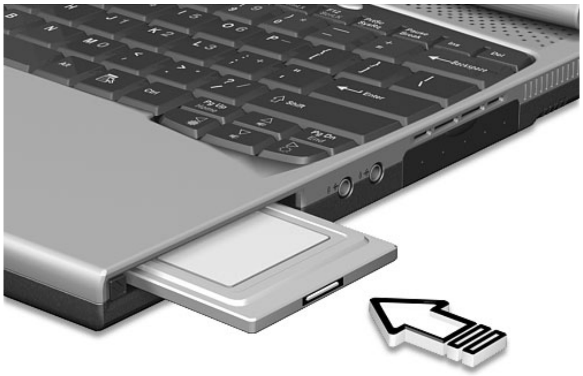
There is a type II CardBus PC Card slot found on the right side of the computer. This slot accepts credit-card-sized cards that enhance the usability and expandability of the computer. These cards should have a PC Card logo on them.

PC Cards (formerly PCMCIA) are add-on cards for portable computers, giving you expansion possibilities long afforded by desktop PCs. Popular type II cards include flash memory, SRAM, fax/data modem, LAN and SCSI cards. CardBus improves on the 16-bit PC card technology by expanding the bandwidth to 32 bits.

Note: Refer to your card's manual for details on how to install and use the card and its functions.

Inserting a PC Card

Insert the card into the slot and make the proper connections (e.g., network cable), if necessary. See your card manual for details.

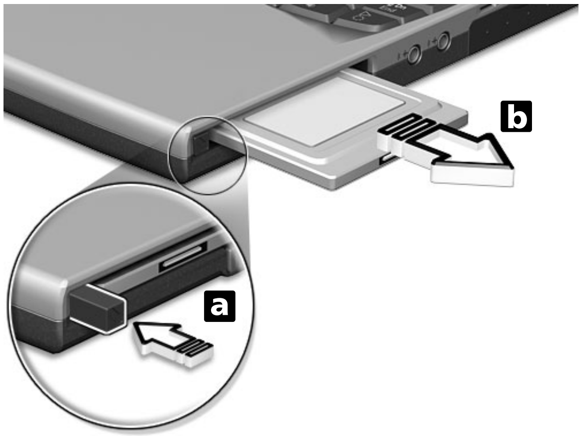


Ejecting a PC Card

Before ejecting a PC Card:

1. Exit the application using the card.
2. Left-click on the Safely Remove Hardware icon on the taskbar and stop the card operation.

3 Press the slot eject button (a) to pop out the eject button; then press it again (a) to eject the card (b).



Upgrade options

Your computer delivers superior power and performance. However, some users and the applications they use may demand more. This computer allows you to upgrade key components when you need increased performance.

Note: Contact your authorized dealer if you decide to perform a key component upgrade.

Memory upgrade

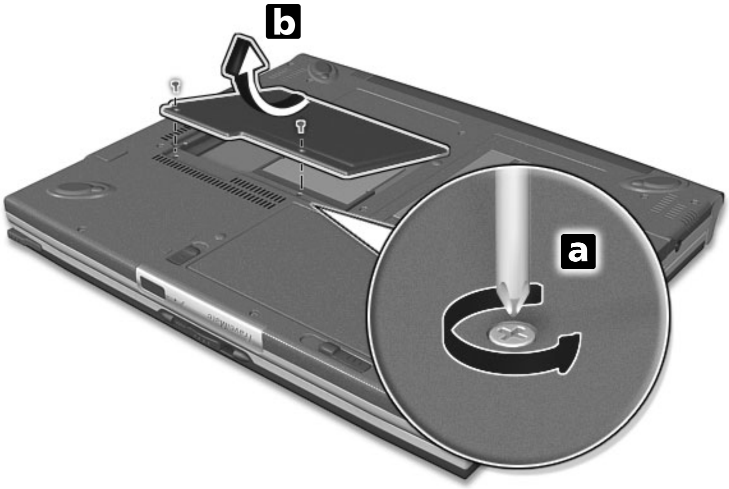
Memory is expandable to 2 GB, employing PC2100 266 MHz industry standard DDR (Double Data Rate) soDIMMs (Small Outline Dual Inline Memory Modules).

There are two memory slots on your computer, one of which is occupied by standard memory. You can upgrade memory by installing a memory module into the available slot.

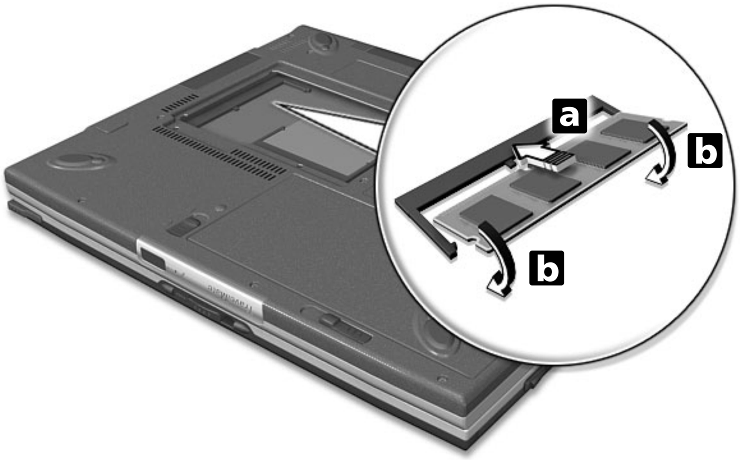
Installing memory

Follow these steps to install memory:

1. Turn off the computer, unplug the AC adapter (if connected) and remove the battery pack. Then turn the computer over to access its base.
2. Remove the screw (a) from the memory cover; then lift up and remove the memory cover (b).



3 Insert the memory module diagonally into the slot (a), then gently press it down (b) until it clicks into place.



4 Replace the memory cover and secure it with the screw.

The computer automatically detects and reconfigures the total memory size.

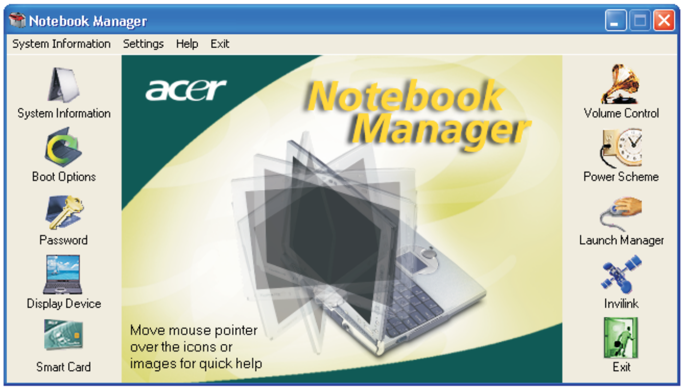
Notebook Manager

The computer has a built-in system setup program called Notebook Manager. The Windows-based Notebook Manager allows you to set passwords, the startup sequence of the drives, power management and other settings. It also shows current hardware configurations.

To start the Notebook Manager, press **Fn-F2** or follow these steps:

1 Click on **Start**, **All Programs**, then **Acer**.

2 Select the **Notebook Manager** application to run the program.


Notebook Manager
System Information
Settings
Help
Exit
acer
Notebook Manager
System Information
Boot Options
Password
Display Device
Smart Card
Volume Control
Power Scheme
Launch Manager
Invilink
Exit

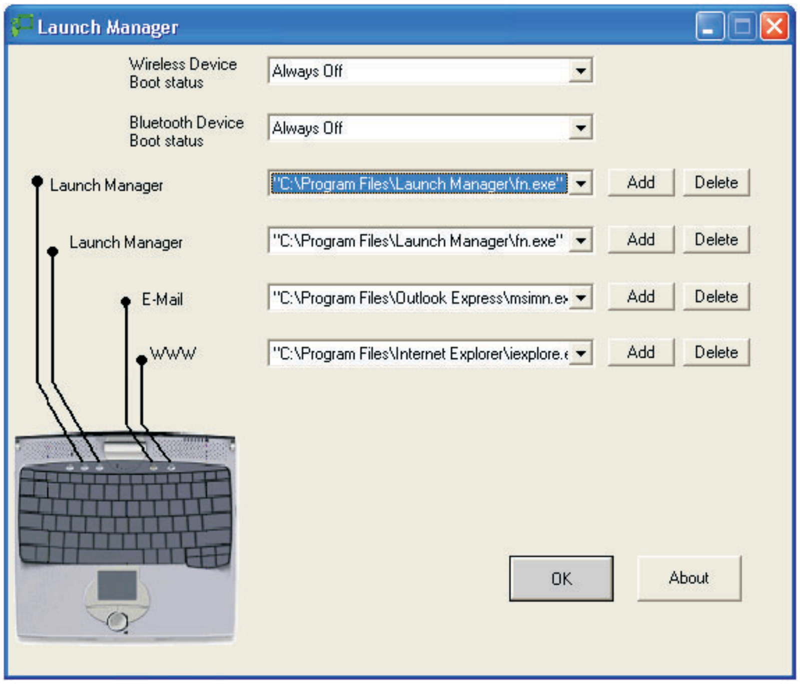
Move mouse pointer over the icons or images for quick help

Please click on **Help** for online help information.

Launch Manager

Launch Manager allows you to set the four launch keys located above the keyboard. See “Launch keys” on page 24 for the location of the launch key.

You can access the Launch Manager by clicking on **Start**, **All Programs**, and then **Launch Manager** to start the application.



Wireless Device Boot status: Always Off

Bluetooth Device Boot status: Always Off

Launch Manager: "C:\Program Files\Launch Manager\fn.exe"

Launch Manager: "C:\Program Files\Launch Manager\fn.exe"

E-Mail: "C:\Program Files\Outlook Express\msimn.ex

WWW: "C:\Program Files\Internet Explorer\iexplore.e

Launch Manager and wireless features

The boot status settings for Wireless Device (Wireless LAN) and Bluetooth Device determine if these wireless features are enabled or disabled at startup.

You can manually switch on or off Wireless LAN and Bluetooth by pressing the button a certain number of times. The sequence is as follows:

- Wireless LAN off, Bluetooth off
- Wireless LAN on, Bluetooth off (wireless status icon lights red)
- Wireless LAN off, Bluetooth on (wireless status icon flashes green)
- Wireless LAN on, Bluetooth on (wireless status icon lights red and flashes green)

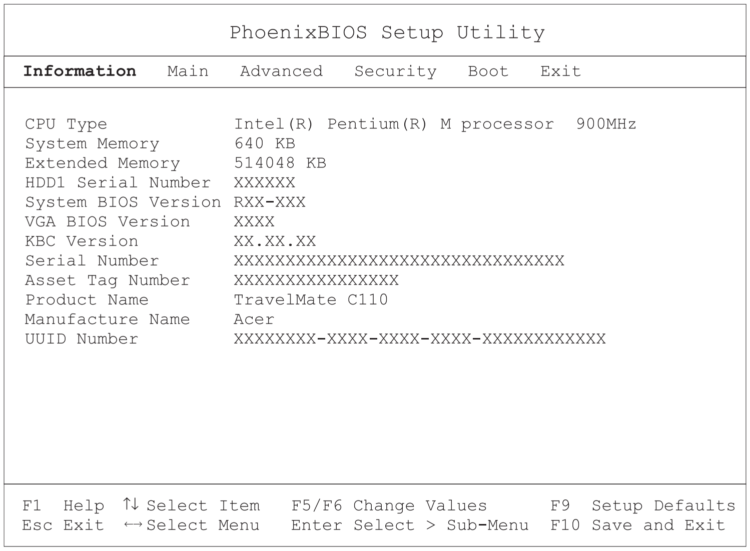
Manually turning on the wireless features does not change the default boot status setting which is re-enabled when you restart your computer.

BIOS Utility

The BIOS Utility is a hardware configuration program built into your computer's BIOS (basic input/output system).

Your computer is already properly configured and optimized, and you do not need to run this utility. However, if you encounter configuration problems, you may need to run it.

To access the BIOS Utility, press **F2** during the POST (power-on self-test) while the TravelMate logo is being displayed.



```
                  PhoenixBIOS Setup Utility
 Information   Main   Advanced   Security   Boot   Exit

 CPU Type              Intel(R) Pentium(R) M processor  900MHz
 System Memory         640 KB
 Extended Memory       514048 KB
 HDD1 Serial Number    XXXXXX
 System BIOS Version   RXX-XXX
 VGA BIOS Version      XXXX
 KBC Version           XX.XX.XX
 Serial Number         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 Asset Tag Number      XXXXXXXXXXXXXXXX
 Product Name          TravelMate C110
 Manufacture Name      Acer
 UUID Number           XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX

 F1  Help  ↑↓ Select Item   F5/F6 Change Values      F9  Setup Defaults
 Esc Exit  ←→ Select Menu   Enter Select > Sub-Menu  F10 Save and Exit
```

Note: The sample screen shown above is for your reference only. Actual values may differ.

For optimum settings, press **F9** to load setup defaults. Then press **F10** to save the changes and exit the BIOS Utility.

3 Troubleshooting your computer

This chapter instructs you on how to deal with common system problems. Read it before calling a technician if a problem occurs. Solutions to more serious problems require opening up the computer. Do not attempt to open the computer by yourself. Contact your dealer or an authorized service center for assistance.

key link: www.acersupport.com

Frequently-asked questions

The following is a list of possible situations that may arise during the use of your computer. Easy answers and solutions are provided for each one.

I pressed the power switch and opened the display, but the computer does not start or boot-up.

Look at the Power indicator (refer to “Indicators” on page 18):

- If it is not lit, no power is being applied to the computer. Check the following:
    - If you are running on battery power, it may be low and unable to power the computer. Connect the AC adapter to recharge the battery pack.
    - Make sure that the AC adapter is plugged in properly to the computer and to the power outlet.
- If it is lit, check the following:
    - Is a non-bootable (non-system) diskette in the floppy drive? Remove or replace it with a system diskette and press **Ctrl-Alt-Del** to restart the system.
- The operating system files may be damaged or missing. Insert the startup disk you created during Windows setup into the floppy drive and press **Ctrl-Alt-Del** to restart the system. This will diagnose your system and make necessary fixes.

Nothing appears on the screen.

The computer’s power management system automatically blanks the screen to save power. Press any key to turn the display back on.

If pressing a key does not turn the display back on, three things might be the cause:

- The brightness level might be too low. Press **Fn-**→ (increase) and **Fn-**← (decrease) to adjust the brightness level.
- The display device might be set to an external monitor. Press the display toggle hot key **Fn-F5** to toggle the display back to the computer.
- If the Sleep indicator is lit, the computer is in Sleep mode. Press, slide, and release the power switch to resume.

Image is not full-screen.

Make sure that the resolution is set to 1024x768 which the system supports natively. Right-click on your Windows desktop and select Properties to bring up the **Display Properties** dialog box. Then click on the Settings tab to make sure the resolution is set to the appropriate resolution. Resolutions lower than the specified resolution are not full-screen on the computer or on an external monitor.

No audio is heard from the computer.

Check the following:

- The volume may be muted. In Windows, look at the volume control (speaker) icon on the taskbar. If it is crossed-out, click on the icon and deselect the Mute option.
- The speakers may be turned off. Press **Fn-F8** to turn the speakers on (this hot key also turns the speakers off).
- The volume level may be too low. In Windows, look at the volume control icon on the taskbar. You can also use the volume control buttons to adjust the volume. See “Hot keys” on page 21.
- If headphones, earphones or external speakers are connected to the line-out port on the computer’s right panel, the internal speakers automatically turn off.

The keyboard does not respond.

Try attaching an external keyboard to the USB connector on the computer’s rear. If it works, contact your dealer or an authorized service center as the internal keyboard cable may be loose.

The infrared port does not work.

Check the following:

- Make sure that the infrared ports of the two devices are facing each other (+/- 15 degrees) a maximum of 1 meter apart.
- Make sure that there is a clear path between the two infrared ports. Nothing should be blocking the ports.
- Make sure that you have the appropriate software running on both devices (for file transfers) or that you have the appropriate drivers (for printing to an infrared printer).
- During the POST, press **F2** to access the BIOS Utility and verify that

the infrared port is enabled.

- Make sure that both devices are IrDA-compliant.

I want to set up my location to use the internal modem.

To properly use your communications software (e.g., HyperTerminal), you need to set up your location:

1. Click on **Start**, **Control Panel**.
2. Double-click on **Phone and Modem Options**.
3. Begin setting up your location.

Refer to the Windows manual.

Troubleshooting tips

This notebook computer incorporates an advanced design that delivers onscreen error message reports to help you solve problems.

- If the system reports an error message or an error symptom occurs, see “Error messages” on page 59.

Error messages

If you receive an error message, note the message and take the corrective action. The following table lists the error messages in alphabetical order together with the recommended course of action.

Note: If your system displays one of the messages marked below with an asterisk (*), write down the message and contact your dealer. If your system fails after you have made the changes in the Setup menus, reset the computer, enter Setup and load the Setup defaults to correct the error.

Error Messages	**Corrective Action**
0200 Failure Fixed Disk	Fixed disk is not working or not configured properly. Check to see if fixed disk is attached properly. Run Setup. Find out if the fixed-disk type is correctly identified.
0210 Stuck key	Stuck key on keyboard.
0211 Keyboard error	Keyboard not working.
0212 Keyboard Controller Failed*	Keyboard controller failed test. May require replacing keyboard controller.
0213 Keyboard locked - Unlock key switch	Unlock the system to proceed.
0220 Monitor type does not match CMOS - Run SETUP	Monitor type not correctly identified in Setup
0230 Shadow Ram Failed at offset: *nnnn**	Shadow RAM failed at offset nnnn of the 64k block at which the error was detected.
0231 System RAM Failed at offset: *nnnn**	System RAM failed at offset nnnn of in the 64k block at which the error was detected.
0232 Extended RAM Failed at offset: *nnnn**	Extended memory not working or not configured properly at offset nnnn.
0250 System battery is dead - Replace and run SETUP	The CMOS clock battery indicator shows the battery is dead. Replace the battery and run Setup to reconfigure the system.

Error Messages	Corrective Action
0251 System CMOS checksum bad - Default configuration used	System CMOS has been corrupted or modified incorrectly, perhaps by an application program that changes data stored in CMOS. The BIOS installed Default Setup Values. If you do not want these values, enter Setup and enter your own values. If the error persists, check the system battery or contact your dealer.
0260 System timer error*	The timer test failed. Requires repair of system board.
0270 Real time clock error*	Real-Time Clock fails BIOS hardware test. May require board repair.
0271 Check date and time settings	BIOS found date or time out of range and reset the Real-Time Clock. May require setting legal date (1991-2099).
0280 Previous boot incomplete - Default configuration used	Previous POST did not complete successfully. POST loads default values and offers to run Setup. If the failure was caused by incorrect values and they are not corrected, the next boot will likely fail. On systems with control of wait states, improper Setup settings can also terminate POST and cause this error on the next boot. Run Setup and verify that the wait-state configuration is correct. This error is cleared the next time the system is booted.
0281 Memory Size found by POST differed from CMOS	Memory size found by POST differed from CMOS.
02B0 Diskette drive A error 02B1 Diskette drive B error	Drive A: or B: is present but fails the BIOS POST diskette tests. Check to see that the drive is defined with the proper diskette type in Setup and that the diskette drive is attached correctly.
02B2 Incorrect Drive A type - run SETUP	Type of floppy drive A: not correctly identified in Setup.
02B3 Incorrect Drive B type - run SETUP	Type of floppy drive B: not correctly identified in Setup.

Error Messages	Corrective Action
02D0 System cache error - Cache disabled	RAM cache failed and BIOS disabled the cache. On older boards, check the cache jumpers. You may have to replace the cache. See your dealer. A disabled cache slows system performance considerably.
02F0: CPU ID:	CPU socket number for Multi-Processor error.
02F4: EISA CMOS not writeable*	ServerBIOS2 test error: Cannot write to EISA CMOS.
02F5: DMA Test Failed*	ServerBIOS2 test error: Cannot write to extended DMA (Direct Memory Access) registers.
02F6: Software NMI Failed*	ServerBIOS2 test error: Cannot generate software NMI (Non-Maskable Interrupt).
02F7: Fail-Safe Timer NMI Failed*	ServerBIOS2 test error: Fail-Safe Timer takes too long.
device Address Conflict	Address conflict for specified *device*.
Allocation Error for: *device*	Run ISA or EISA Configuration Utility to resolve resource conflict for the specified *device*.
Failing Bits: *nnnn**	The hex number *nnnn* is a map of the bits at the RAM address which failed the memory test. Each 1 (one) in the map indicates a failed bit. See errors 230, 231, or 232 above for offset address of the failure in System, Extended, or Shadow memory.
Invalid System Configuration Data	Problem with NVRAM (CMOS) data.
I/O device IRQ conflict	I/O device IRQ conflict error.
One or more I2O Block Storage Devices were excluded from the Setup Boot Menu	There was not enough room in the IPL table to display all installed I2O block-storage devices.

Error Messages	Corrective Action
Operating system not found	Operating system cannot be located on either drive A: or drive C:. Enter Setup and see if fixed disk and drive A: are properly identified.
Parity Check 1 *nnnn**	Parity error found in the system bus. BIOS attempts to locate the address and display it on the screen. If it cannot locate the address, it displays *nnnn*. Parity is a method for checking errors in binary data. A parity error indicates that some data has been corrupted.
Parity Check 2 *nnnn**	Parity error found in the I/O bus. BIOS attempts to locate the address and display it on the screen. If it cannot locate the address, it displays *nnnn*.
Press <F1> to resume, <F2> to Setup, <F3> for previous	Displayed after any recoverable error message. Press <F1> to start the boot process or <F2> to enter Setup and change the settings. Press <F3> to display the previous screen (usually an initialization error of an Option ROM, i.e., an add-on card). Write down and follow the information shown on the screen.
Run the I2O Configuration Utility	One or more unclaimed block storage devices have the Configuration Request bit set in the LCT. Run an I2O Configuration Utility (e.g. the SAC utility).

If you still encounter problems after going through the corrective measures, please contact your dealer or an authorized service center for assistance. Some problems may be solved using the BIOS Utility.

Requesting service

International Traveler's Warranty (ITW)

Your computer is backed by an International Traveler's Warranty (ITW) that gives you security and peace of mind when traveling. Our worldwide network of service centers are there to give you a helping hand.

An ITW passport comes with your computer. This passport contains all you need to know about the ITW program. A list of available, authorized service centers are in this handy booklet. Read this passport thoroughly.

Always have your ITW passport on hand, especially when you travel to receive the benefits from our support centers. Place your proof-of-purchase in the flap located inside the front cover of the ITW passport.

If the country you are traveling in does not have an Acer-authorized ITW service site, you can still get in contact with our offices worldwide.

There are three ways to access Acer for technical support and information:

- Internet service worldwide, visit http://www.acersupport.com/
- Telephone support in the United States and Canada, call 1-800-816-2237
- Technical support numbers in various countries

You can view a list of technical support numbers by following these steps:

1. Click on **Start**, **Settings**, **Control Panel**.
2. Double-click on **System**.
3. Click on the **Support Information** button.

Before you call

Please have the following information available when you call Acer for online service, and please be at your computer when you call. With your support, we can reduce the amount of time a call takes and help solve your problems efficiently.

If there are error messages or beeps reported by your computer, write them down as they appear on the screen (or the number and sequence in the case of beeps).

If you haven’t registered your notebook computer, you will be required to register during your first call to Acer.

You are required to provide the following information:

Name:____

Address:_______________________________________

____

Telephone number:______________________________

Machine and model type:________________________

Serial number:___________________________________

Date of purchase:________________________________

Appendix A

Specifications

This appendix lists the general specifications of your computer.

Microprocessor platform

- Intel® Centrino™ Mobile Technology
  - Intel® Pentium® M Processor with 1 MB level 2 cache
  - Intel® 855GM chipset family
  - Intel® PRO/wireless network connection

Memory

- Main memory expandable to 2 GB
- Dual 200-pin soDIMM sockets supporting PC2100 DDR (Double Data Rate) memory running at 266 MHz
- 512 KB Flash ROM BIOS

Data storage

- One 9.5mm, high-capacity, Enhanced-IDE hard disk

Display and video

- 10.4"Thin-Film Transistor (TFT) liquid-crystal display (LCD) displaying 32-bit true-color at 1024x768 eXtended Graphics Array (XGA) resolution
- Integrated VGA with DVMT support
- 3D capabilities
- Simultaneous LCD and CRT display support
- Dual display capability
- Tablet mode for LCD panel (Rotatable display)

Audio

- 16-bit AC’ 97 PCI stereo audio with built-in wavetable synthesizer
- Built-in speaker and microphone
- Sound Blaster Pro and Windows Sound System-compatible
- Separate audio ports for headphone-out and line-in devices

Keyboard and pointing device

- Acer FineTouch keyboard
- Ergonomically-centered touchpad pointing device with scroll function
- Electromagnetic resonance (EMR) stylus for pen-based input

I/O ports

- Built-in:
    - One type II/I CardBus PC Card slot
    - One RJ-11 phone jack
    - One RJ-45 LAN jack
    - One DC-in jack (AC adapter)
    - One external monitor port
    - One speaker/headphone-out jack
    - One line-in jack
    - One FIR wireless communications port (IrDA-compliant)
    - Two USB 2.0 ports
    - One IEEE 1394 port
    - One expansion connector

Weight and dimensions

- 3.2 lbs (1.40 kg)
- 257 (W) x 216 (D) x 29.7 (H) mm

Environment

- Temperature
    - Operating: 10°C ~ 35°C
    - Non-operating: -20°C ~ 60°C
- Humidity (non-condensing)
    - Operating: 20% ~ 80% RH
    - Non-operating: 20% ~ 80% RH

System

- Microsoft Windows XP Tablet PC Edition
- ACPI support
- DMI 2.0-compliant
- LDCM 6.0 support

Power

- Battery pack
    - 26 WattHour Li-ion main battery pack
    - Smart battery management technology
    - 1.5-hour rapid charge/2.5-hour charge-in-use
- AC adapter
    - 50-Watt
    - Auto sensing 100~240Vac, 50~60Hz

Options

- Memory upgrade modules
- Higher-capacity hard disk drive
- USB optical drive
- USB floppy disk drive
- IEEE 1394 optical drive
- Additional AC adapter
- Additional Li-ion battery pack
- External battery charger
- Full size EMR pen with eraser
- EMR stylus
- Bluetooth/Modem combo module
- 802.11b, 802.11a, or 802.11a/b wireless LAN module

Appendix B

Notices

This appendix lists the general notices of your computer.

FCC notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the device and receiver
- Connect the device into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/television technician for help

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Caution

Changes or modifications not expressly approved by the manufacturer could void the user’s authority, which is granted by the Federal Communications Commission, to operate this computer.

Use conditions

This part complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice: Canadian users

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B respected toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Modem notices

FCC

This equipment complies with Part 68 of the FCC rules. Located on the bottom side of the modem is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. Upon request, you must provide this information to your telephone company.

If your telephone equipment causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But, if advance notice is not practical, you will be notified as soon as possible. You will also be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If this equipment should fail to operate properly, disconnect the equipment from the phone line to determine if it is causing the problem. If the problem is with the equipment, discontinue use and contact your dealer or vendor.

TBR 21

This equipment has been approved [Council Decision 98/482/EC - "TBR 21"] for pan-European single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN termination point. In the event of problems, you should contact your equipment supplier in the first instance.

Important safety instructions

Read these instructions carefully. Save these instructions for future reference.

1. Follow all warnings and instructions marked on the product.
2. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
3. Do not use this product near water.
4. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
5. Slots and openings in the cabinet and the back or bottom are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
6. This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
7. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.
8. If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.
9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
10. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.
11. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    - **a** When the power cord or plug is damaged or frayed
    - **b** If liquid has been spilled into the product
    - **c** If the product has been exposed to rain or water
    - **d** If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other

controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

e If the product has been dropped or the cabinet has been damaged

f If the product exhibits a distinct change in performance, indicating a need for service.

12 Replace the battery with the same type as the product's battery we recommend. Use of another battery may present a risk of fire or explosion.

13 Warning! Batteries may explode if not handled properly. Do not disassemble or dispose of them in fire. Keep them away from children and dispose of used batteries promptly.

14 Use only the proper type of power supply cord set (provided in your accessories box) for this unit. It should be a detachable type: UL listed/CSA certified, type SPT-2, rated 7A 125V minimum, VDE approved or its equivalent. Maximum length is 15 feet (4.6 meters).

Regulatory Information

The WM3B2100 Wireless LAN Card must be installed and used in strict accordance with the manufacturer's instructions. This device complies with the following radio frequency and safety standards.

Canada - Industry Canada (IC)

- This device complies with RSS 210 of Industry Canada.

Europe - EU Declaration of Conformity

This device complies with the specifications listed below, following the provisions of the EMC Directive 89/336/EEC:

- ETS 300-826
- ETS 300-328 Technical requirements for Radio equipment.

USA - Federal Communications Commission (FCC)

This device complies with Part 15 of FCC Rules. Operation of the devices in an WM3B2100 Wireless LAN System is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference that may cause undesired operation.

Exposure to Radio Frequency Radiation

The radiated output power of the WM3B2100 Wireless LAN Card is far below the FCC radio frequency exposure limits. Nevertheless, the WM3B2100 Wireless

LAN Card shall be used in such a manner that the potential for human contact during normal operation is minimized.

The transmitter and the antenna are permanently installed inside the notebook, and are specific for this model (not for generic computer). The antenna of this device is installed on the corner of the bottom of the LCD display. For compliance with FCC radiation exposure limits. it should be operated with a separation distance of 20cm or more between the antenna and the body of the user, and the antenna should not be operated next to a nearby person.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment (example - use only shielded interface cables when connecting to computer or peripheral devices).

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party: Acer America Corporation, 2641 Orchard Parkway, San Jose, CA 95134

Telephone No:1-408-432-6200

Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE

Laser compliance statement

The CD drive used with this computer is a laser product. The CD drive's classification label (shown below) is located on the drive.

CLASS 1 LASER PRODUCT
CAUTION: INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.

APPAREIL A LASER DE CLASSE 1 PRODUIT
LASERATTENTION: RADIATION DU FAISCEAU LASER INVISIBLE EN CAS D'OUVERTURE. EVITTER TOUTE EXPOSITION AUX RAYONS.

LUOKAN 1 LASERLAITE LASER KLASSE 1
VORSICHT: UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET NICHT DEM STRAHLL AUSSETZEN

PRODUCTO LÁSER DE LA CLASE I
ADVERTENCIA: RADIACIÓN LÁSER INVISIBLE AL SER ABIERTO. EVITE EXPONERSE A LOS RAYOS.

ADVARSEL: LASERSTRÅLING VEDÅBNING SE IKKE IND I STRÅLEN.

VARO! LAVATTAESSA OLET ALTTINA LASERSÅTEILYLLE.
VARNING: LASERSTRÅLNING NÅR DENNA DEL ÅR ÖPPNAD ÅLÅ TUIJOTA SÅTEESEENSTIRRA EJ IN I STRÅLEN

VARNING: LASERSTRÅLNING NAR DENNA DEL ÅR ÖPPNADSTIRRA EJ IN I STRÅLEN

ADVARSEL: LASERSTRÅLING NAR DEKSEL ÅPNESSTIRR IKKE INN I STRÅLEN

Lithium battery statement

CAUTION
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to local regulations. Recycle if at all possible.

ADVARSEL!
Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Léver det brugte batteri tilbage til leverandøren.

ADVARSEL
Eksplosjonsfare ved feilaktig skifte av batteri. Benytt samme batteritype eller en tilsvarende type anbefalt av apparatfabrikanten. Brukte batterier kasseres i henhold til fabrikantens instruksjoner.

VARNING
Explosionsfara vid felaktigt batteribyte. Anvãnd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera anvãnt batteri enligt fabrikantens instruktion.

VAROITUS
Päristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

VORSICHT!
Explosionsgefahr bei unsachgemäßen Austausch der Batterie Ersatz nur durch denselben oder einem vom Hersteller empfohlenem ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

Year 2000 compliance statement

The TravelMate C110 series notebook computer carries the "Hardware NSTL Tested Year 2000 Compliant" logo, which certifies that this model has been tested by NSTL using the YMark2000 test, and has been found to meet NSTL's standards for Year 2000 hardware compliance.

LCD pixel statement

The LCD unit is produced with high-precision manufacturing techniques. Nevertheless, some pixels may occasionally misfire or appear as black or colored dots. This has no effect on the recorded image and does not constitute a malfunction.

A-Tick notice

For safety reasons, only connect headsets with a telecommunications compliance label. This includes customer equipment previously labelled permitted or certified.

The unit shall be connected to Telecommunication Network through a line cord which meets the requirements of ACA Technical Standard TS008.

Australian approved mains cord set shall be used with the equipment.

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